

July 13, 2010

Mr. Rob Rizzo
Bioenergy Program Manager
Massachusetts Department of Energy Resources
100 Cambridge Street, Suite 1020,
Boston, MA 02114

Dear Mr. Rizzo,

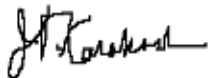
The attached Aspen report for the American Public Power Association seems to support our expressed concern about further increasing dependence on electricity produced with natural gas in large facilities. If clean transportation using natural gas in place of oil is to gain ground, it will only do so because decisions are made today. If transportation is in reality a higher value use than combustion for comparatively low grade uses like heat and power production, does it make sense for informed leaders to continue using high grade materials like natural gas so long as other potentially clean alternatives exist?

There is a reality difference between these two statements:

- It is technically impossible to perform “that” task.
- I have made the choice to not take steps needed to technically improve “that” process.

Federal promotion of wood-to-cellulosic ethanol seems to be a case of choice that fits this pattern for reasons that are difficult to understand. Why attempt to make difficult and expensive chemical and physical transformations of a material to meet a need when the same result could be achieved faster with less expense using demonstrated technology? The principles of economic fungibility were not applied; clearly, if small scale local biomass facilities produce heat, cooling and CHP, the oil and natural gas thus displaced are available to be market shifted into the transportation and manufacturing markets. We have the opportunity to ask that question now with a lesson from the recent past. It would be a coup for Massachusetts to be first in doing so.

Best regards,



John Karakash, M.F. Registered Forester

Cc: Dwayne Breger, Ph.D., Director, Renewable and Alternative Energy Development

P.O. Box 497 Lewisburg, PA 17837

Voice: 570-523-7790

fax 866-489-4657

E-mail JTK@resourceprofessionalsgroup.com

Member: American Society of Heating Refrigeration Air Conditioning Engineers, Assoc. of Energy Engineers, Am. Society of Agricultural and Biological Engineers, Biomass Thermal Energy Council, Forest Guild, NC Forestry Association, PA Council of Professional Foresters, PA Forest Products Association, Society of American Foresters.